

Jeffrey S Ovens

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8193088/publications.pdf>

Version: 2024-02-01

32
papers

580
citations

566801

15
h-index

610482

24
g-index

35
all docs

35
docs citations

35
times ranked

748
citing authors

#	ARTICLE	IF	CITATIONS
1	Tunable Energy-Transfer Process in Heterometallic MOF Materials Based on 2,6-Naphthalenedicarboxylate: Solid-State Lighting and Near-Infrared Luminescence Thermometry. <i>Chemistry of Materials</i> , 2020, 32, 7458-7468.	3.2	54
2	Lanthanide-Based Molecular Cluster Aggregates: Optical Barcoding and White Light Emission with Nanosized $\{Ln_{20}\}$ Compounds. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 6130-6136.	7.2	48
3	Raman Detected Sensing of Volatile Organic Compounds by Vapochromic $Cu[AuX_2(CN)_2]_2$ (X = Cl, Br) Coordination Polymer Materials. <i>Chemistry of Materials</i> , 2015, 27, 1465-1478.	3.2	47
4	The Use of Polarizable $[AuX_2(CN)_2]^{+}$ (X = Br, I) Building Blocks Toward the Formation of Birefringent Coordination Polymers. <i>Inorganic Chemistry</i> , 2010, 49, 9609-9616.	1.9	43
5	Structural organization and dimensionality at the hands of weak intermolecular $Au^{\cdot-}Au$, $Au^{\cdot-}X$ and $X^{\cdot-}X$ (X = Cl, Br) Coordination Polymers. <i>Inorganic Chemistry</i> , 2010, 49, 9609-9616.	1.0	32
6	Synthesis and electronic structure determination of uranium(ν) ligand radical complexes. <i>Dalton Transactions</i> , 2016, 45, 12576-12586.	1.6	30
7	Mixed $Cu(i)/Au(i)$ coordination polymers as reversible turn-on vapoluminescent sensors for volatile thioethers. <i>Chemical Communications</i> , 2017, 53, 6500-6503.	2.2	30
8	Stark Sublevel-Based Thermometry with Tb(III) and Dy(III) Complexes Cosensitized via the 2-Amidinopyridine Ligand. <i>Inorganic Chemistry</i> , 2020, 59, 11061-11070.	1.9	29
9	Room-Temperature Upconversion in a Nanosized $\{Ln_{15}\}$ Molecular Cluster-Aggregate. <i>ACS Nano</i> , 2021, 15, 5580-5585.	7.3	28
10	Thermally triggered reductive elimination of bromine from Au(III) as a path to Au(I)-based coordination polymers. <i>Dalton Transactions</i> , 2011, 40, 4140.	1.6	26
11	Thermal Expansion Behavior of $M[AuX_2(CN)_2]_2$ -Based Coordination Polymers (M = Ag, Cu; X = CN, Cl, Br). <i>Inorganic Chemistry</i> , 2017, 56, 7332-7343.	1.9	24
12	Supramolecular Assembly of Bis(benzimidazole)pyridine: An Extended Anisotropic Ligand For Highly Birefringent Materials. <i>Chemistry - A European Journal</i> , 2013, 19, 16572-16578.	1.7	20
13	Designing Tunable White Light Emission from an Auophilic $Cu(i)/Au(i)$ Coordination Polymer with Thioether Ligands. <i>Chemistry - A European Journal</i> , 2016, 22, 8234-8239.	1.7	20
14	NIR-to-NIR emission on a water-soluble $\{Er_6\}$ and $\{Er_3Yb_3\}$ nanosized molecular wheel. <i>Nanoscale</i> , 2020, 12, 11435-11439.	2.8	16
15	Copper(II) Dihalotetracyanoplatinate(IV) Coordination Polymers and Their Vapochromic Behavior. <i>Inorganic Chemistry</i> , 2017, 56, 7870-7881.	1.9	15
16	Probing halogen-halogen interactions via thermal expansion analysis. <i>CrystEngComm</i> , 2018, 20, 1769-1773.	1.3	15
17	Visible Light Photocatalytic Reduction of CO_2 to Formic Acid with a Ru Catalyst Supported by N,N'-Bis(diphenylphosphino)ethylenediamine Ligands. <i>ChemSusChem</i> , 2019, 12, 3453-3457.	3.6	15
18	Designing anisotropic cyanometallate coordination polymers with unidirectional thermal expansion (TE): 2D zero and 1D colossal positive TE. <i>Chemical Communications</i> , 2018, 54, 1599-1602.	2.2	14

#	ARTICLE	IF	CITATIONS
19	Dicyanoaurate-based heterobimetallic uranyl coordination polymers. Dalton Transactions, 2017, 46, 7169-7180.	1.6	12
20	Aufbau <i>vs.</i> non-Aufbau ground states in two-coordinate d ⁷ single-molecule magnets. Inorganic Chemistry Frontiers, 2021, 8, 5076-5085.	3.0	11
21	Emissive Heterobimetallic Copper(I) Dicyanoaurate-Based Coordination Polymers. ChemPlusChem, 2016, 81, 842-849.	1.3	10
22	Lanthanide-Based Molecular Cluster Aggregates: Optical Barcoding and White Light Emission with Nanosized {Ln ₂₀ } Compounds. Angewandte Chemie, 2021, 133, 6195-6201.	1.6	9
23	A Barrel-Shaped Metal-Organic Blue Box Analogue with Photo/Redox-Switchable Behavior. Chemistry - A European Journal, 2020, 26, 16455-16462.	1.7	8
24	Asymmetric Ring Opening in a Tetrazine-Based Ligand Affords a Tetranuclear Opto-Magnetic Ytterbium Complex. Chemistry - A European Journal, 2021, 27, 2361-2370.	1.7	6
25	[Pt(SCN) ₄] ²⁻ -Based Coordination Polymers and Supramolecular Squares: Intermolecular Pt...H-C Interactions Probed by Luminescence Spectroscopy at Variable Pressure. European Journal of Inorganic Chemistry, 2017, 2017, 2865-2875.	1.0	4
26	Electrocatalytic H ₂ Generation from Water Relying on Cooperative Ligand Electron Transfer in a PN ₃ Pincer-Supported Ni II Complexes. Chemistry - A European Journal, 2021, 27, 13518-13522.	1.7	4
27	Stoichiomorphic halogen-bonded cocrystals: a case study of 1,4-diodotetrafluorobenzene and 3-nitropyridine. Canadian Journal of Chemistry, 2022, 100, 245-251.	0.6	4
28	Enabling a High-Throughput Characterization of Microscale Interfaces within Coated Cathode Particles. ACS Applied Energy Materials, 2021, 4, 9731-9741.	2.5	2
29	Elucidating Two Distinct Pathways for Electrocatalytic Hydrogen Production Using Co II Pincer Complexes. ChemSusChem, 2022, , .	3.6	2
30	[Pt(SCN) ₄] ²⁻ -Based Coordination Polymers and Supramolecular Squares: Intermolecular Pt...H-C Interactions Probed by Luminescence Spectroscopy at Variable Pressure. European Journal of Inorganic Chemistry, 2017, 2017, 2864-2864.	1.0	1
31	Solid-state multinuclear magnetic resonance and X-ray crystallographic investigation of the phosphorus...iodine halogen bond in a bis(dicyclohexylphenylphosphine)(1,6-diodoperfluorohexane) cocrystal. Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials, 2022, 78, 557-563.	0.5	1
32	Synthesis of Defect-Fluorite Pyrochlore Sodium Niobate Nanoparticles and Characterization of their Tolerance to Neutron Radiation. Microscopy and Microanalysis, 2019, 25, 1622-1623.	0.2	0